

IN THE SPECIFICATION:

Please delete the paragraph beginning on page 15, line 9 as follows:

~~Fig. 33B is a graph showing a change with the passage of time in the temperature of a living tissue which occurs with delivery of the high-frequency output power shown in Fig. 33A;~~

Please amend the paragraph beginning at page 15, line 13, as follows:

Fig. 33C ~~33B~~ is a graph showing a variation with the passage of time of high-frequency current conducted with the high-frequency output power shown in Fig. 33A;

Please amend the paragraph beginning at page 61, line 5, as follows:

Fig. 30 to Fig. 33C ~~33B~~ are concerned with a fourth embodiment of the present invention. Fig. 30 is a circuit block diagram showing the circuitry of a diathermic power supply employed in the fourth embodiment of the present invention. Fig. 31A to Fig. 31C are first explanatory diagrams concerning an operation to be exerted by the diathermic power supply shown in Fig. 30. Fig. 31A is a graph showing a variation with the passage of time of high-frequency output power. Fig. 31B is a graph showing a change with the passage of time in the temperature exhibited by a living tissue which occurs with delivery of the high-frequency output power shown in Fig. 31A. Fig. 31C is a graph showing a variation with the passage of time of high-frequency current conducted with the high-frequency output power shown in Fig. 31A. Fig. 32A to Fig. 32C are second explanatory diagrams concerning an operation to be exerted by the diathermic power supply shown in Fig. 30. Fig. 32A is a graph showing a variation with the passage of time of high-frequency output power. Fig. 32B is a graph showing a change with the passage of time in the temperature exhibited by a living tissue which occurs with delivery of the high-frequency output power shown in Fig. 32A.

Fig. 32C is a graph showing a variation with the passage of time of high-frequency current conducted with the high-frequency output power shown in Fig. 32A. Fig. 33A to and Fig. 33C 33B are third explanatory diagrams concerning an operation to be exerted by the diathermic power supply shown in Fig. 30. Fig. 33A is a graph showing a variation with the passage of time of high-frequency output power. ~~Fig. 33B is a graph showing a change with the passage of time in the temperature exhibited by a living tissue which occurs with delivery of the high-frequency output power shown in Fig. 33A.~~ Fig. 33C 33B is a graph showing a variation with the passage of time of high-frequency current conducted with the high-frequency output power shown in Fig. 33A.